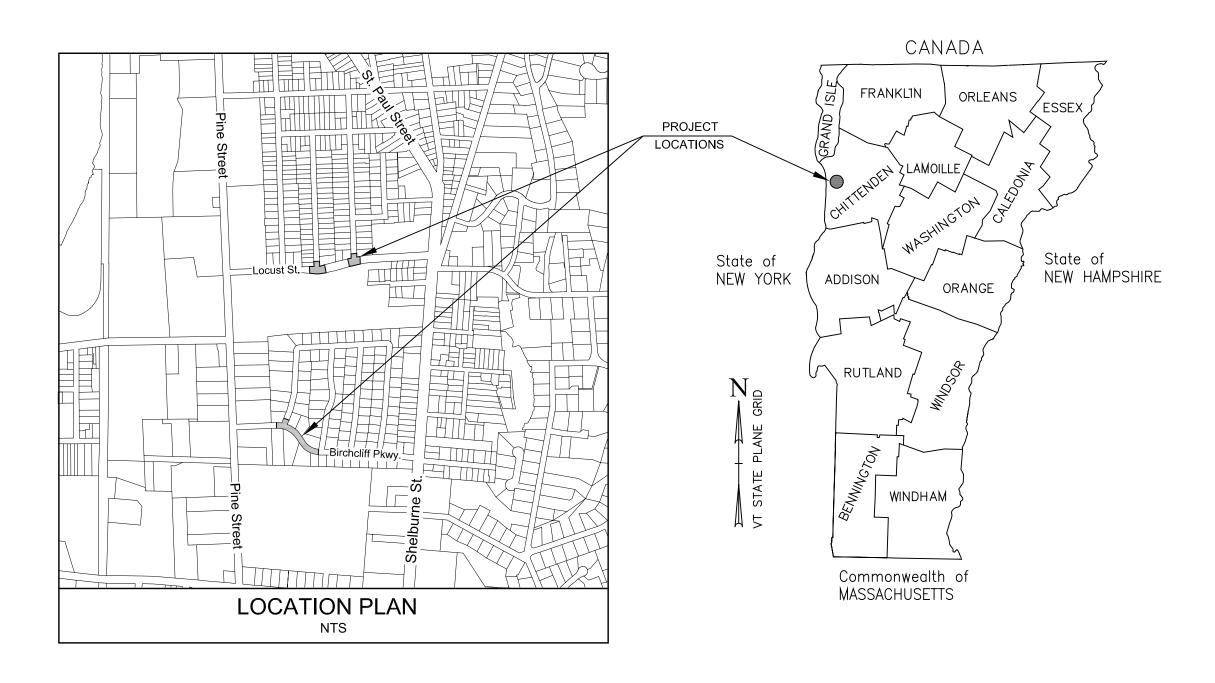
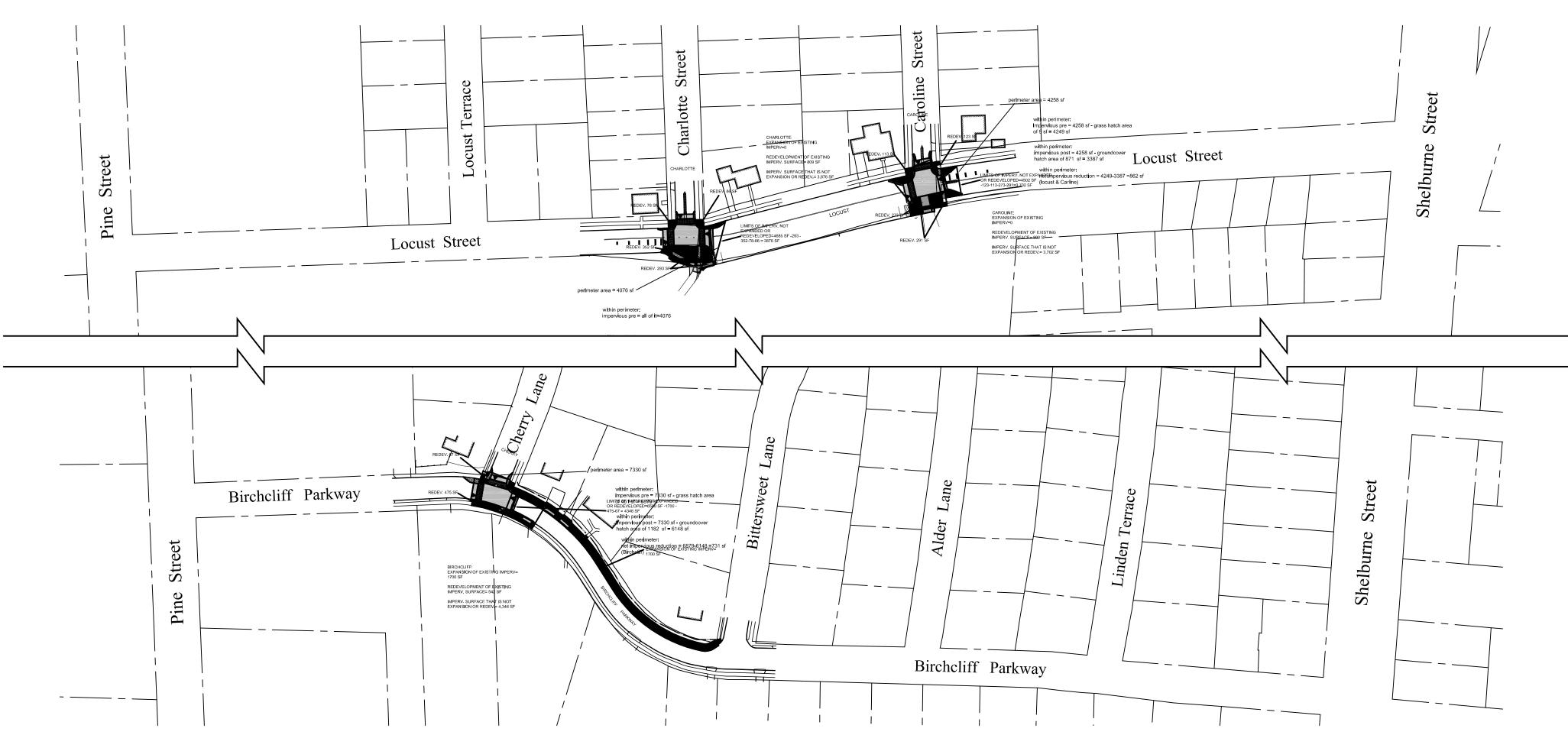
City of Burlington County of Chittenden Burlington STP BP 13(6) Pedestrian Improvements

PROJECT LOCATIONS: ON LOCUST STREET; THE INTERSECTIONS OF CAROLINE & CHARLOTTE STREET WITH LOCUST STREET. ON BIRCHCLIFF PARKWAY; STARTING AT 400 FT± EAST OF PINE STREET AND EXTENDING TO BITTERSWEET LANE, AND INTERSECTION IMPROVEMENTS AT THE CHERRY LANE/BIRCHCLIFF PARKWAY INTERSECTION.

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES GRADING, SUBBASE, NEW 5' WIDE SIDEWALK AND CURB, SPEED TABLES, CURB EXTENSIONS, DRIVEWAY RECONSTRUCTION, NEW DRAINAGE STRUCTURES, NEW SIGNS AND OTHER RELATED ITEMS.





OVERALL SITE PLAN

NOTES:

- 1. THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE VERMONT AGENCY OF TRANSPORTATION. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS INCORPORATED IN THESE PLANS.
- 2. THE LOCUST STREET AND BIRCHCLIFF PARKWAY RIGHT OF WAYS ARE BASED ON LIMITED FOUND EXISTING BOUNDARY EVIDENCE, CITY RECORDS, AND PLANS BY OTHERS. INDIVIDUAL PROPERTY SIDELINES WERE LOCATED BASED ON FOUND EVIDENCE AND CITY PARCEL MAPS.
- 3. LINES SHOWN ON THESE PLANS AS EXISTING PROPERTY LINES ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE ACQUISITION OF LANDS AND RIGHTS FOR THIS PROJECT.

INDEX OF SHEETS

TITLE SHEET

QUANTITY SHEET QUANTITY SHEET DETAILS AND SPECIFICATIONS DETAILS AND SPECIFICATIONS BIRCHCLIFF PARKWAY LAYOUT PLAN & PROFILE CHERRY LANE/BIRCHCLIFF PARKWAY INTERSECTION LAYOUT PLAN CAROLINE STREET/LOCUST STREET INTERSECTION LAYOUT PLAN

CHARLOTTE/LOCUST STREET INTERSECTION LAYOUT PLAN 10-12 BIRCHCLIFF PARKWAY CROSS-SECTIONS

13 CONSTRUCTION APPROACH & TRAFFIC SIGN DETAILS

QUALITY ASSURANCE PROGRAM LEVEL 3

DATUM

VERTICAL NAVD 88 NAD 83(1996) HORIZONTAL

FUNDING ASSISTANCE FOR THIS PROJECT IS BEING FURNISHED BY THE FHWA, THE CITY OF BURLINGTON AND THE STATE OF VERMONT

VTRANS STANDARD SHEETS

SIDEWALK RAMP TYPE 1 3-10-08 R

TITLE

SHEET

BURLINGTON STP BP 13(6)

25% UPDATED PLANS

MAY 4, 2015



L&D PROJECT NUMBER: 14087 DRAWN BY: L&D CHECKED BY: DG/RD

STATE OF VERMONT AGENCY OF TRANSPORTATION

QUAN'	1 I I Y	5 H	EE	

SUMMARY OF ESTIMATED QUANTITIES						TOTALS DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
				Inciden: construct		DTAL FINAL	UNIT	ITEMS	ITEM NUMBER ROUND	QUANTITIES UNIT	ITEMS	
				1	1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10			
				242	242		CY	COMMON EXCAVATION	203.15			
				8	8		CY	SOLID ROCK EXCAVATION	203.16			
				104	104		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28			
				208	208		CY	TRENCH EXCAVATION OF EARTH	204.20			
				16	16		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10			
				291	291		CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26			
				1	1		CWT	EMULSIFIED ASPHALT	404.65			
				107	107		TON	BITUMINOUS CONCRETE PAVEMENT	406.25			
				35	35		GAL	WATER REPELLENT, SILANE	514.10			
				151	151		LF	15" CPEP	601.0910			
				9	9		EACH	CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.10			
				1	1		EACH	CONCRETE MANHOLE WITH CAST IRON COVER	604.11			
				2	2		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40			
				2	2		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42			
				40	40		HR	POWER BROOM RENTAL, TYPE II	608.31			
				1	1		MGAL	DUST CONTROL WITH WATER	609.10			
				925	925		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28			
				835	835		LF	REMOVAL OF EXISTING CURB	616.41			
				340	340		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10			
				44	44		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11			
				191	191		SF	DETECTABLE WARNING SURFACE	618.30			
				9	9		EACH	ADJUST ELEVATION OF VALVE BOX	629.20			
				50	50		HR	UNIFORMED TRAFFIC OFFICERS	630.10			
				800	800		HR	FLAGGERS	630.15			
				1	1		LS	MOBILIZATION/DEMOBILIZATION	635.11			
							LS	TRAFFIC CONTROL	641.10			
				474	474		LF	12 INCH WHITE LINE	646.24			
				9	9		EACH	DURABLE LETTER OR SYMBOL	646.490			
				7	7		LB	SEED	651.15			
				35	35		LB	FERTILIZER	651.18			
				0.25	0.25		TON	AGRICULTURAL LIMESTONE	651.20			
				43	43		CY	TOPSOIL	651.35			
				1	1		LS	EPSC PLAN	652.10			
				10	10		HR	MONITORING EPSC PLAN	652.20			
				395	395		SY	TEMPORARY EROSION MATTING	653.20			
				9	9		EACH	INLET PROTECTION DEVICE, TYPE II	653.41			
				430	430		LF	PROJECT DEMARCATION FENCE	653.55			
				38	38		SF	TRAFFIC SIGNS, TYPE A	675.20			
				84	84		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341			

PROJECT NUMBER: 14087

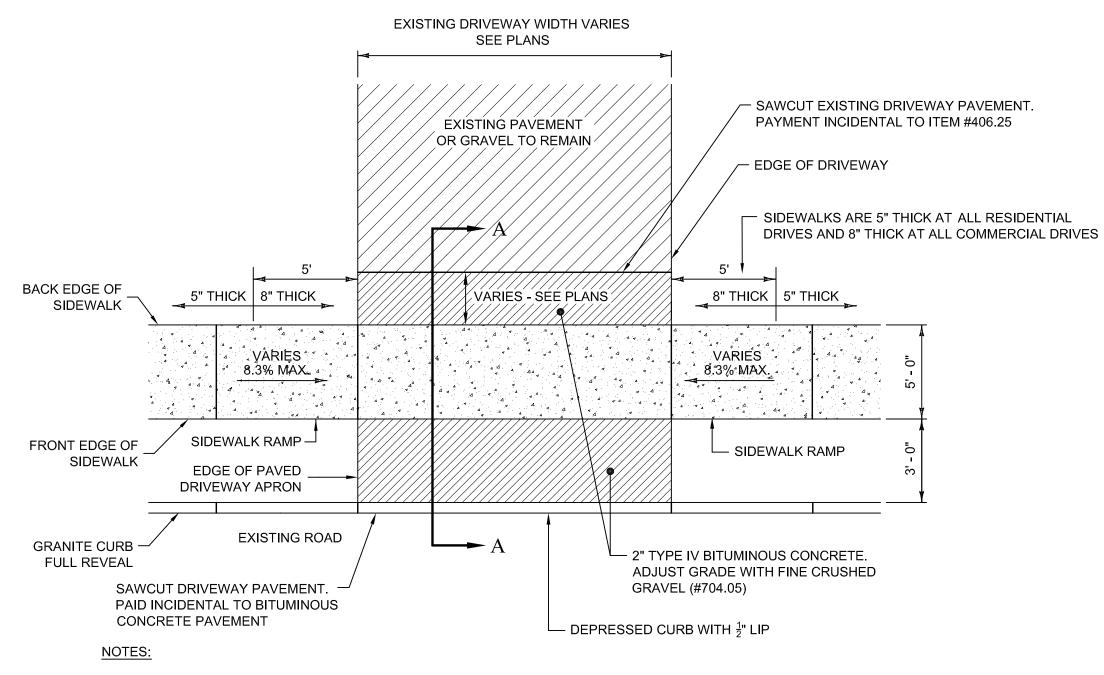
FILE NAME: quantitybuilder.1.15.15 PROJECT LEADER: DJG DESIGNED BY: DJG QUANTITY SHEET #1

PLOT DATE: 01/15/2015 DRAWN BY: L&D CHECKED BY: RJD SHEET 2 OF 13

STAT AGENCY C	TE OF VER OF TRANSI		N				QUA	$4N_{-}$	TITY S	HEET 2						
	SUMMARY OF ESTIMATED QUANTITIES					то	TOTALS DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES					
						Incidental construction.	GRAND TOTA	L FINAL	UNIT	ITEMS		ITEM NUMBER RO	DUND	QUANTITIES UNIT		ITEMS
						6	6		EACH REMOVING S	SIGNS		675.50				
						3	3			ALVAGED SIGNS		675.60				
						47	47			OVISION (TEXTURED CROSSWALK)	EMENT, HAND PLACED, PG58-28	900.680				
						47	47		SF SPECIAL PRO	OVISION (TEXTURED CROSSWALK)		900.970				
														PROJECT NAME: BU	rlington STP	BP (13) 6
														PROJECT NUMBER: 14		PLOT DATE: 01/15/2015
														FILE NAME: quantitybuilder PROJECT LEADER: DJG DESIGNED BY: DJG		DRAWN BY: L&D CHECKED BY: RJD
														QUANTITY SHEET #2		SHEET 3 OF 13

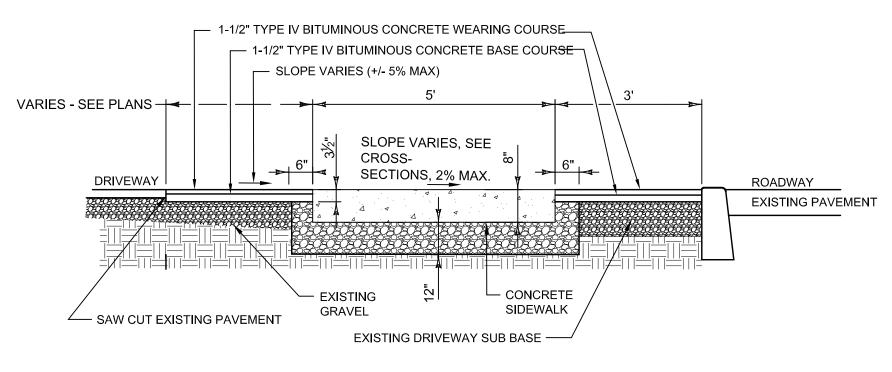
GENERAL CONSTRUCTION SPECIFICATIONS

- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2011 AND ITS LATEST REVISIONS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AND THESE PLANS.
- 2. THE CONTRACTOR SHALL CONTACT ALL UTILITIES BEFORE EXCAVATION TO VERIFY THE LOCATION OF ANY UNDERGROUND LINES. THE CONTRACTOR SHALL NOTIFY "DIG SAFE" AT 811 AND THE CITY OF BURLINGTON PUBLIC WORKS DEPARTMENT PRIOR TO ANY EXCAVATION.
- 3. UTILITIES INFORMATION SHOWN HEREON WERE OBTAINED FROM BEST AVAILABLE SOURCES AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. EXPLORATORY EXCAVATION SHALL BE PERFORMED IN THE LOCATIONS SHOWN ON THE PLANS. ADDITIONAL EXPLORATORY EXCAVATION SHALL BE COORDINATED WITH AND SUBJECT TO THE RESIDENT ENGINEERS APPROVAL. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY, PUBLIC OR PRIVATE, SHOWN OR NOT SHOWN HEREON. THE CONTRACTOR SHALL CONNECT OR RECONNECT ALL UTILITIES TO THE NEAREST SOURCE THROUGH COORDINATION WITH UTILITY OWNER.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DUST CREATED AS A RESULT OF CONSTRUCTION DOES NOT CREATE A NUISANCE OR A SAFETY HAZARD. THE CONTRACTOR SHALL WET SECTIONS OF THE CONSTRUCTION AREA WITH WATER AND/OR SWEEP ASPHALT ROADS WITH A POWER BROOM (TYPE 1) OR A STREET SWEEPER (POWER BROOM TYPE II) AS DUST CONTROL ON A DAILY BASIS, OR AT MORE FREQUENT INTERVALS AS DIRECTED BY THE ENGINEER AND/OR OWNER.



- 1. SUBBASE MATERIALS SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST, ACCORDING TO ASTM D698.
- 2. EMULSIFIED ASPHALT SHALL BE APPLIED TO THE FACE OF CURB BELOW GRADE, EDGE OF SIDEWALK AND TO THE EXISTING PAVEMENT EDGE. EMULSIFIED ASPHALT SHALL BE APPLIED UNDER PRESSURE OR WITH A "NEW" BRUSH. OLD OR DRIED OUT BRUSHES SHALL NOT BE USED.

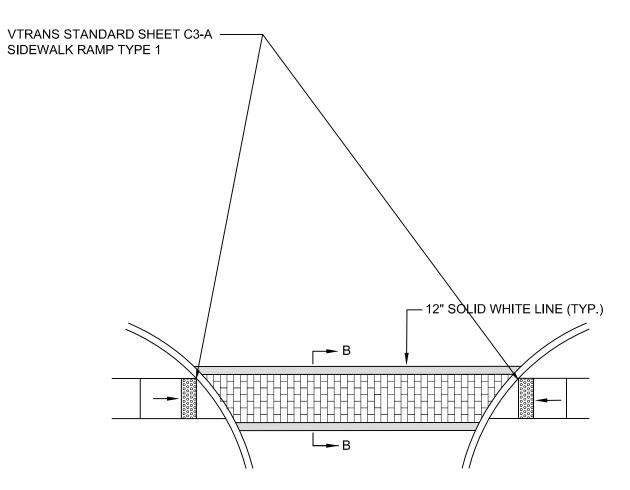
PLAN VIEW

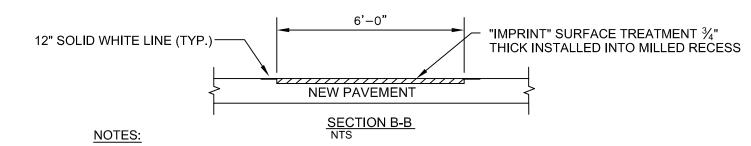


SECTION VIEW

TYPICAL BITUMINOUS CONCRETE DRIVEWAY APRON WITH SIDEWALK DETAIL

NTS



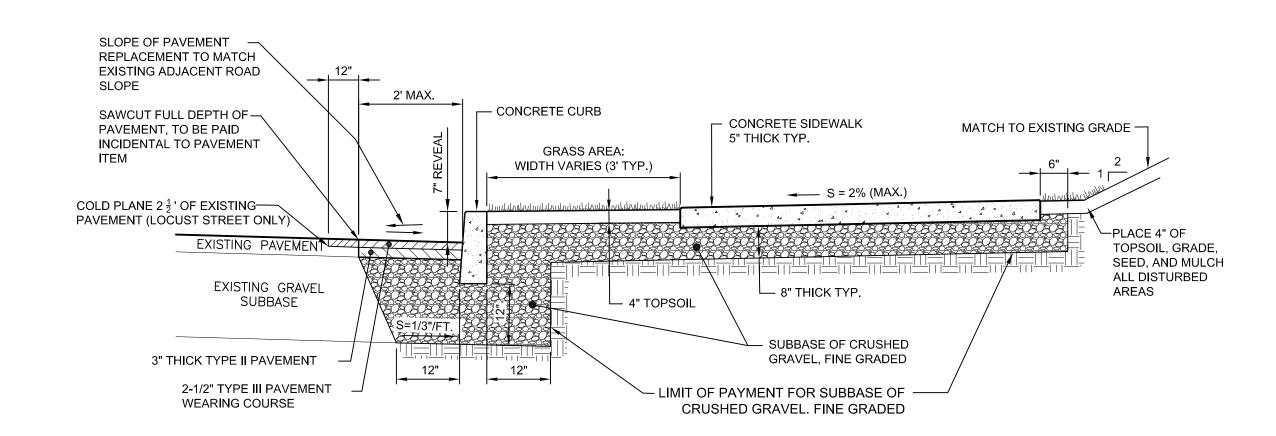


- 1. SAWCUT PAVEMENT AT EDGES AND REMOVE PAVEMENT BY MILLING INSIDE THE CROSSWALK TO SPECIFIED \(\frac{3}{4}\)" DEPTH. PREPARE MILLED PAVEMENT SURFACE AND EDGES PER MANUFACTURER'S RECOMMENDATIONS.
- SURFACING SHALL BE A HOT APPLIED RESIN BASED SYNTHETIC ASPHALT SURFACE TREATMENT.
 MATERIAL GRADE OF THE SURFACING TREATMENT SHALL MEET THE REQUIREMENTS FOR HIGH
 TRAFFIC VOLUME ROADS AND NORTHERN U.S. TEMPERATURES. INSTALL PER MANUFACTURER'S
 INSTRUCTIONS.
- 3. CROSSWALK SURFACING SHALL BE COLORED THROUGHOUT WITH A OXIDE RED COLOR MATERIAL (NOT SURFACE PAINTED). APPLY STANDARD BRICK (OFFSET DESIGN) TEXTURE PATTERN.

IMPRINTED & COLORED CROSSWALK

MARKING DETAIL

NTS



TYPICAL CONCRETE SIDEWALK WITH CONCRETE CURB AND GRASS STRIP SECTION

NOTES:

- . EMULSION SHALL BE PLACED ON THE BACK OF THE CURB WHERE IT WILL BE IN CONTACT WITH NEW DRIVEWAY PAVEMENT.
- EMULSIFIED ASPHALT TO BE APPLIED AT THE RATE OF 0.025 GAL./SQ YD.
- BITUMINOUS CONCRETE PAVEMENT SHALL BE 75 BLOW MARSHALL MIX AND PERFORMANCE GRADED BINDER SHALL BE PG 58-28.
- 4. THE CONTRACTOR SHALL APPLY A CONCRETE SEALING COMPOUND TO ALL EXPOSED CONCRETE CURB AND SIDEWALK SURFACES, ITEM #514.10 WATER REPELLANT, SILANE.

25% UPDATED PLANS MAY 4, 2015

TYPICAL
DETAILS &
SPECIFICATIONS

BURLINGTON STP BP 13(6)



GENERAL GUIDANCE							
FERTI	LIZER	LIME					
BROADCAST	HYDROSEED	BROADCAST	HYDROSEED				
10/20/2010	19-19-19	PELLETIZED	LIQUID				
500 LBS/AC		2 TONS/AC	4.4 GAL/AC				

CONSTRUCTION GUIDANCE

- 1. RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
- 2. URBAN SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED LAWN AREAS DISTURBED BY THE CONTRACTOR.
- 3. ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- 4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- 5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
- 6. TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 7. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
- 8. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

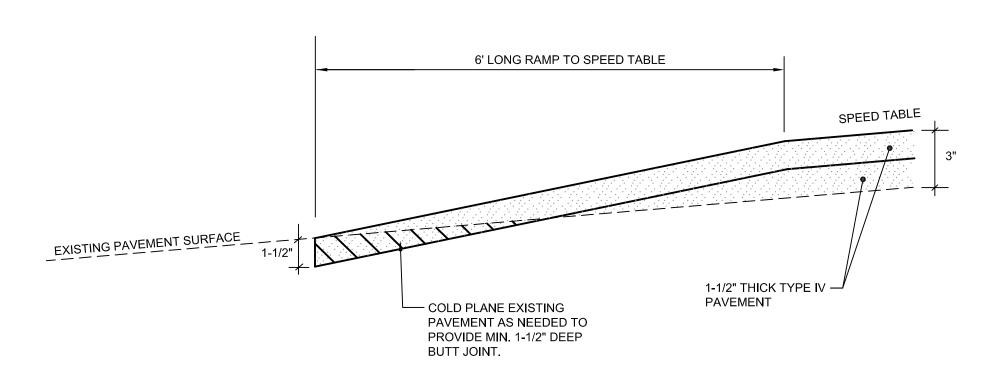
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR

SEED (PAY ITEM 651.15)

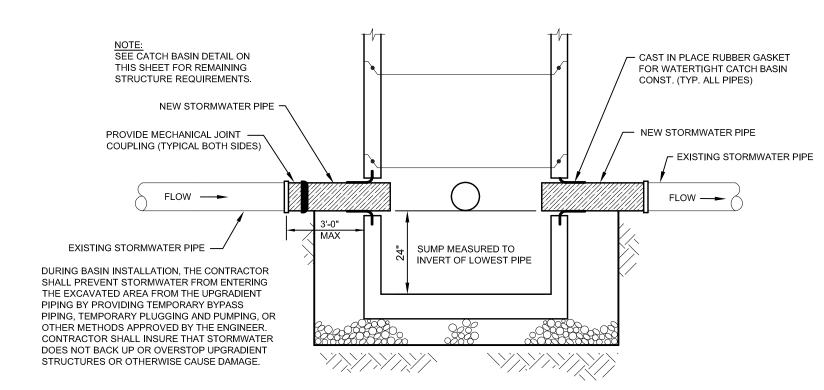
SEED

- CONCRETE CURB (WHERE APPLICABLE) THREE DIMENSIONAL NATURAL— FIBER INLET PROTECTION DEVICE (VTRANS INLET PROTECTION - EXTEND 1" MINIMUM AND 3" DEVICE, TYPE 2 -PRESSURE DISK MAXIMUM FROM EDGE OF GRATE (TYP) TOP LAYER ~ BOTTOM LAYER GRATE BAR INLET CASTING SECURE USING 3-1/2" DIA. PRESSURE -DISKS AND 175# ZIP TIES FASTENED TO INLET GRATE (TYP)

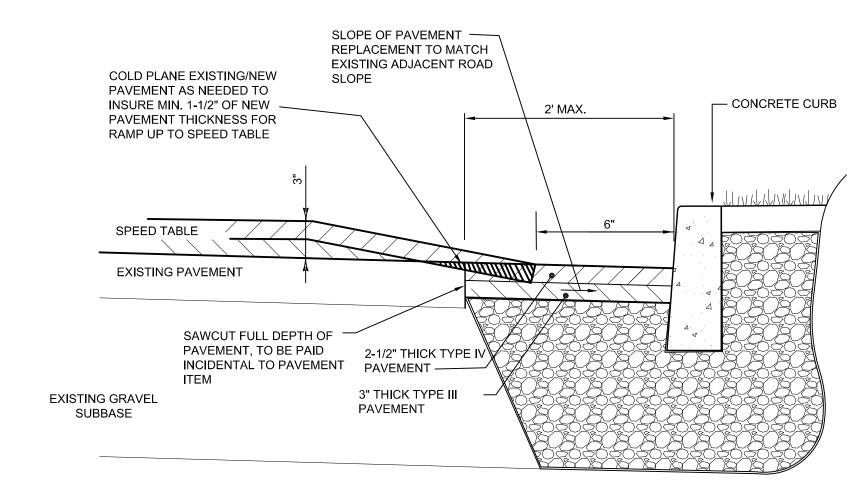
FLAT TYPE INLET PROTECTION TYPE II



SPEED TABLE RAMP SECTION (LONGITUDINAL ALONG TRAVEL LANES)
NTS



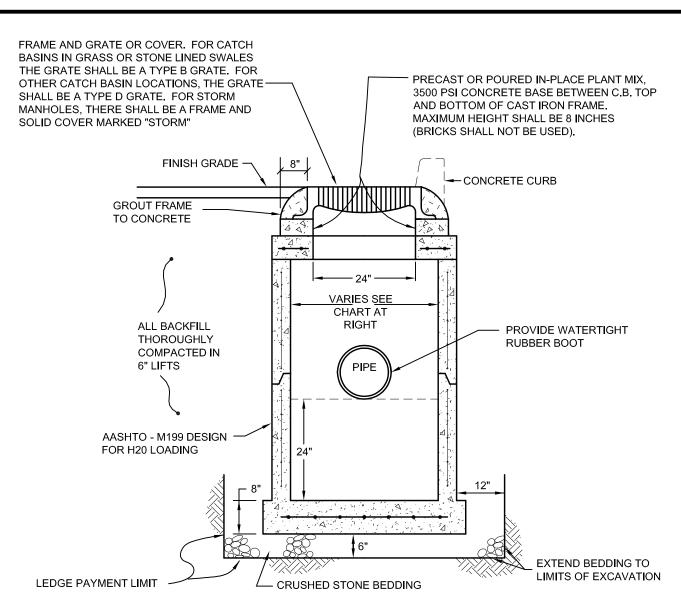
IN-LINE STORM BASIN/MANHOLE DETAIL



TYPICAL NEW ROADWAY GUTTER DETAIL WITH SPEED TABLE RAMP

NOTES:

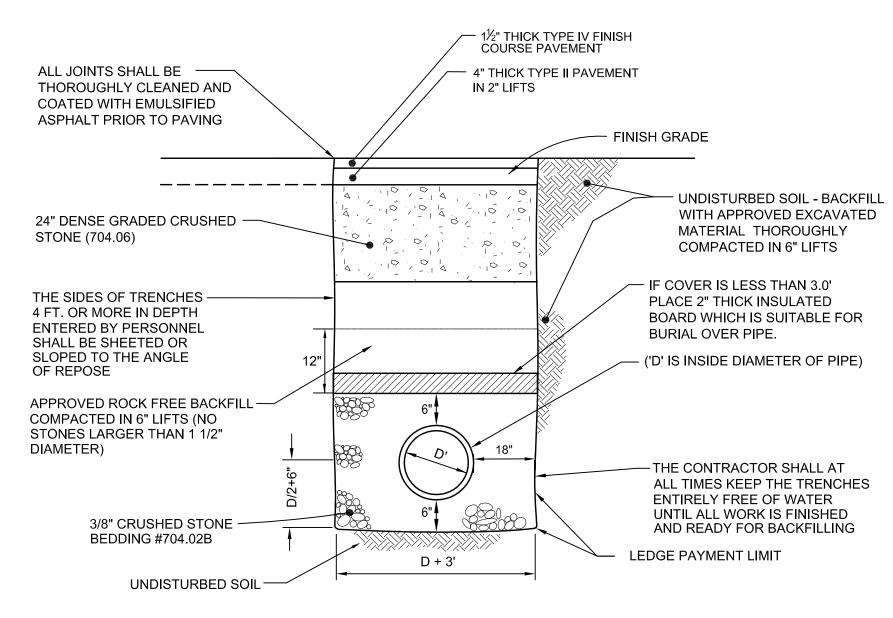
- EMULSION SHALL BE PLACED ON THE FRONT OF THE CURB AND ON EDGE OF EXISTING PAVEMENT CUT EDGE WHERE IT WILL BE IN CONTACT WITH NEW ROADWAY PAVEMENT.
- 2. EMULSIFIED ASPHALT TO BE APPLIED AT THE RATE OF 0.025 GAL./SQ YD.



PRECAST CATCH BASIN / STORM MANHOLE

NOTE: CATCH BASINS MAY BE LARGER THAN SHOWN ON THIS DETAIL WITH MULTIPLE OR LARGER DIA PIPES IN ONE BASIN.

TYPE	CATCH BASIN DIAMETER	LARGEST PIPE DIA. ALLOWED	SIDEWALL THICKNESS	CONCRETE COVER THICKNESS	BASE DIAMETER
I	36"	18"	4"	6"	50"
II	48"	30"	5"	10"	72"
III	60"	36"	6"	12"	84"
IV	72"	48"	7"	18"	96"



NOTE: REMOVAL OF EXISTING PAVEMENT OVER THE TRENCH LIMITS PAID INCIDENTAL TO LF OF STORM PIPE. SAW CUTTING ASSOCIATED WITH THESE ITEMS IS PAID INCIDENTAL TO ITEM #406.25.

TYPICAL STORM TRENCH

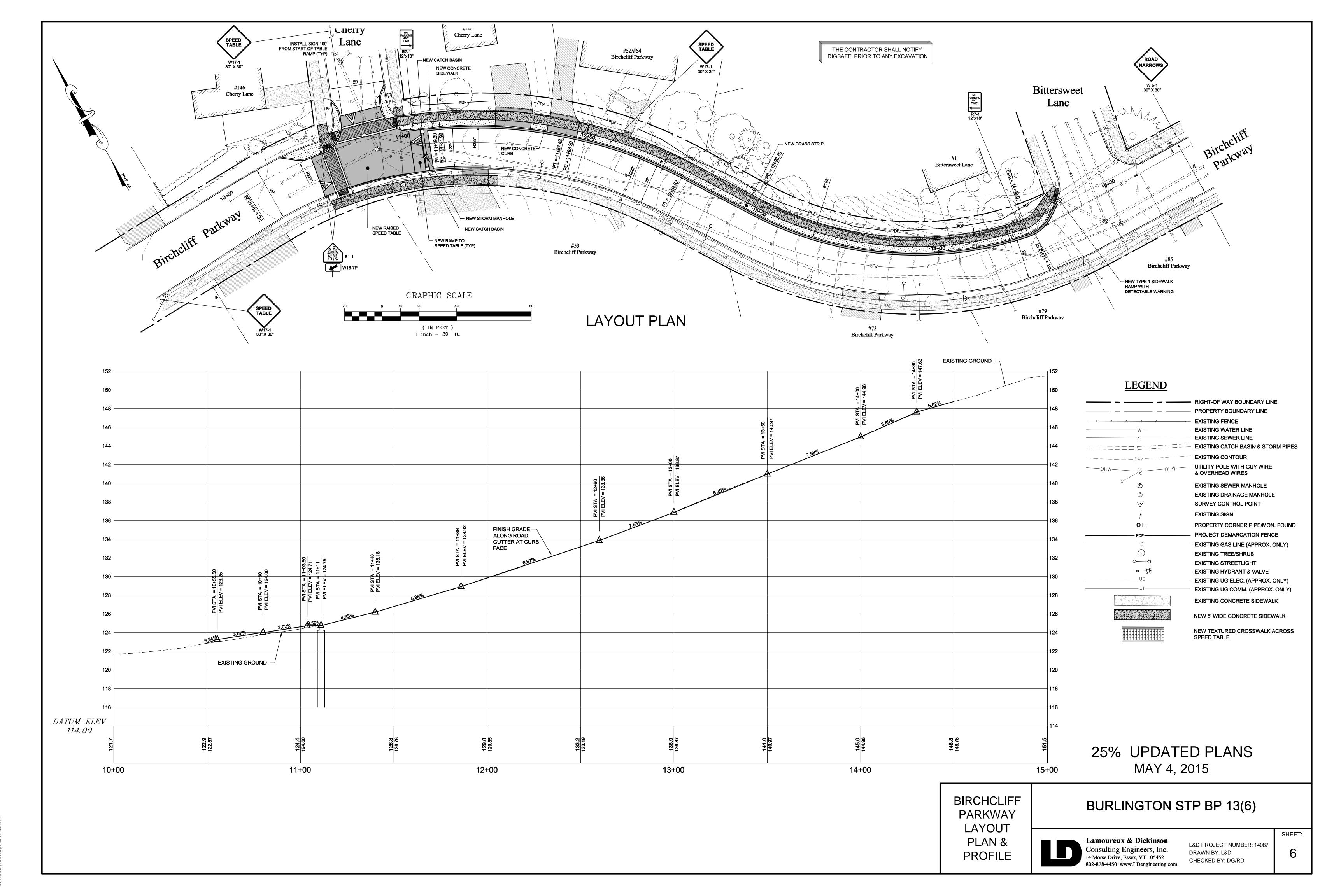
25% UPDATED PLANS MAY 4, 2015

TYPICAL
DETAILS &
SPECIFICATIONS

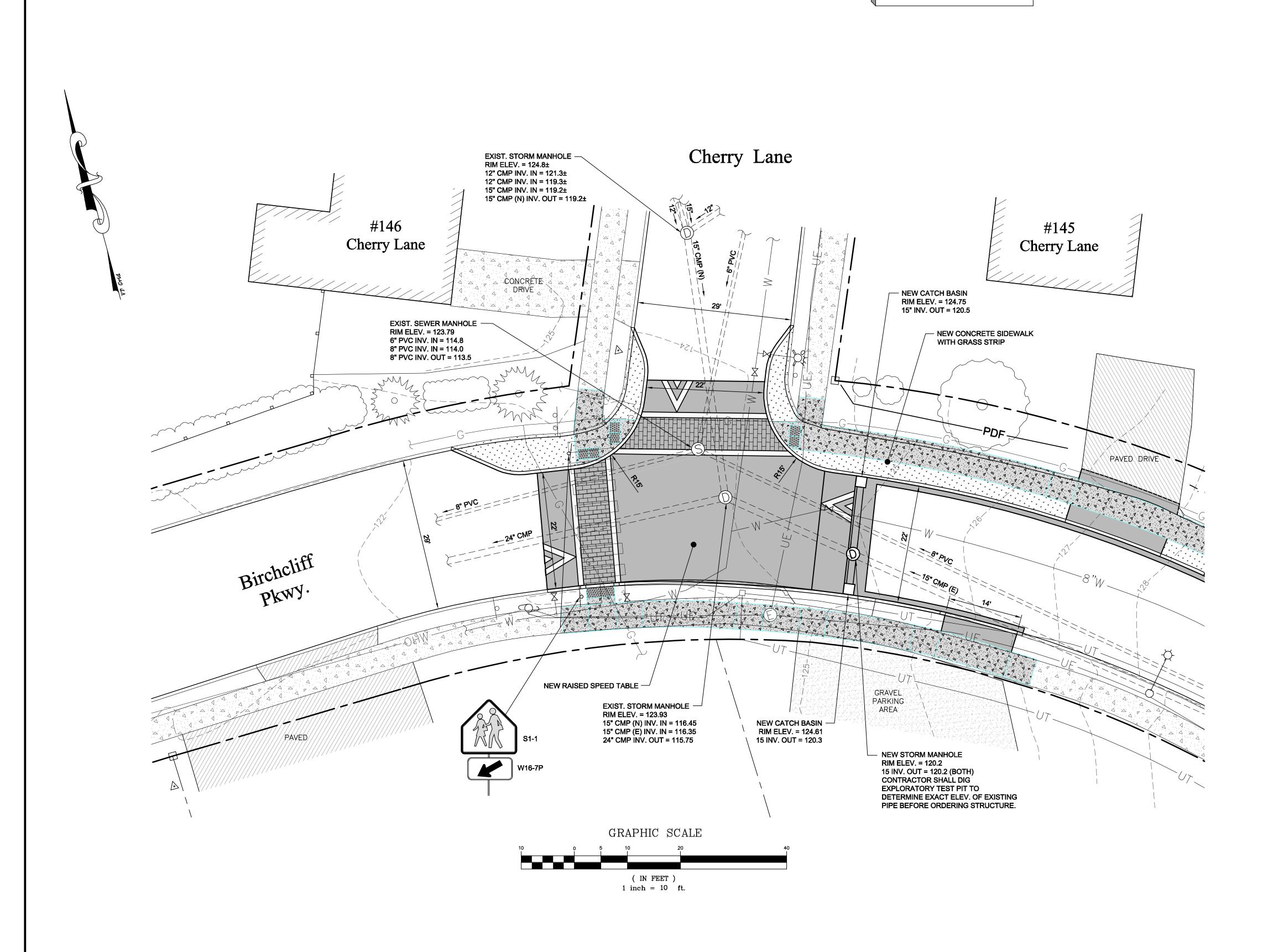
BURLINGTON STP BP 13(6)



L&D PROJECT NUMBER: 14087 DRAWN BY: L&D CHECKED BY: DG/RD



DA2014A14A087A4WCN14A087 OK 4WG E/4/2015 11:29:23 AM 1-1



LEGEND

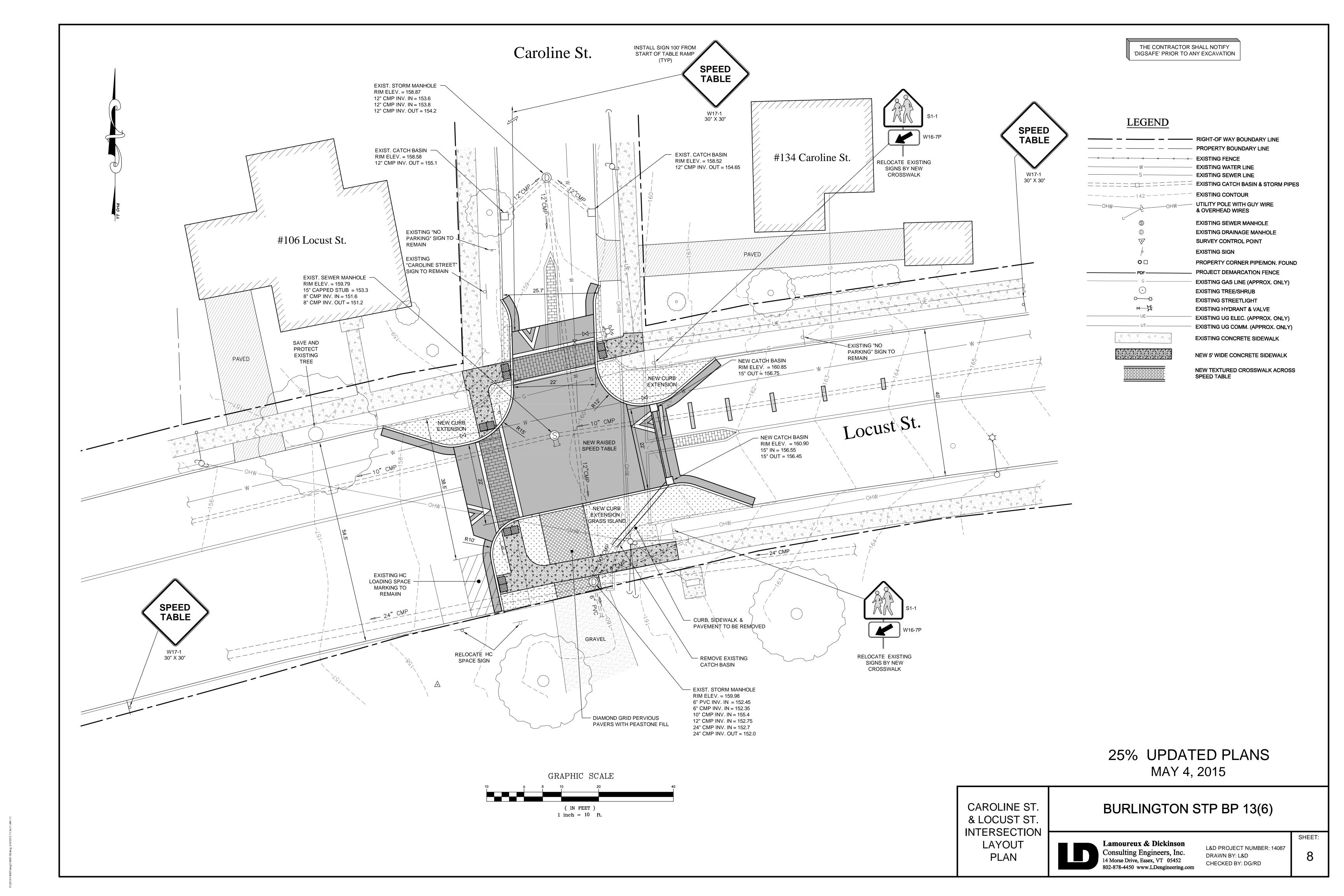
	RIGHT-OF WAY BOUNDARY LINE
	PROPERTY BOUNDARY LINE
- 0 0 0 0 0	EXISTING FENCE
——————————————————————————————————————	EXISTING WATER LINE
s	EXISTING SEWER LINE
=======================================	EXISTING CATCH BASIN & STORM PIPES
142	EXISTING CONTOUR
ОНМ ОНМ	UTILITY POLE WITH GUY WIRE & OVERHEAD WIRES
\$	EXISTING SEWER MANHOLE
(EXISTING DRAINAGE MANHOLE
♡	SURVEY CONTROL POINT
þ	EXISTING SIGN
○ □	PROPERTY CORNER PIPE/MON. FOUND
PDF	PROJECT DEMARCATION FENCE
G	EXISTING GAS LINE (APPROX. ONLY)
\odot	EXISTING TREE/SHRUB
○	EXISTING STREETLIGHT
⋈— • > \$	EXISTING HYDRANT & VALVE
———UE———	EXISTING UG ELEC. (APPROX. ONLY)
UT	EXISTING UG COMM. (APPROX. ONLY)
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EXISTING CONCRETE SIDEWALK
	NEW 5' WIDE CONCRETE SIDEWALK
	NEW TEXTURED CROSSWALK ACROSS SPEED TABLE

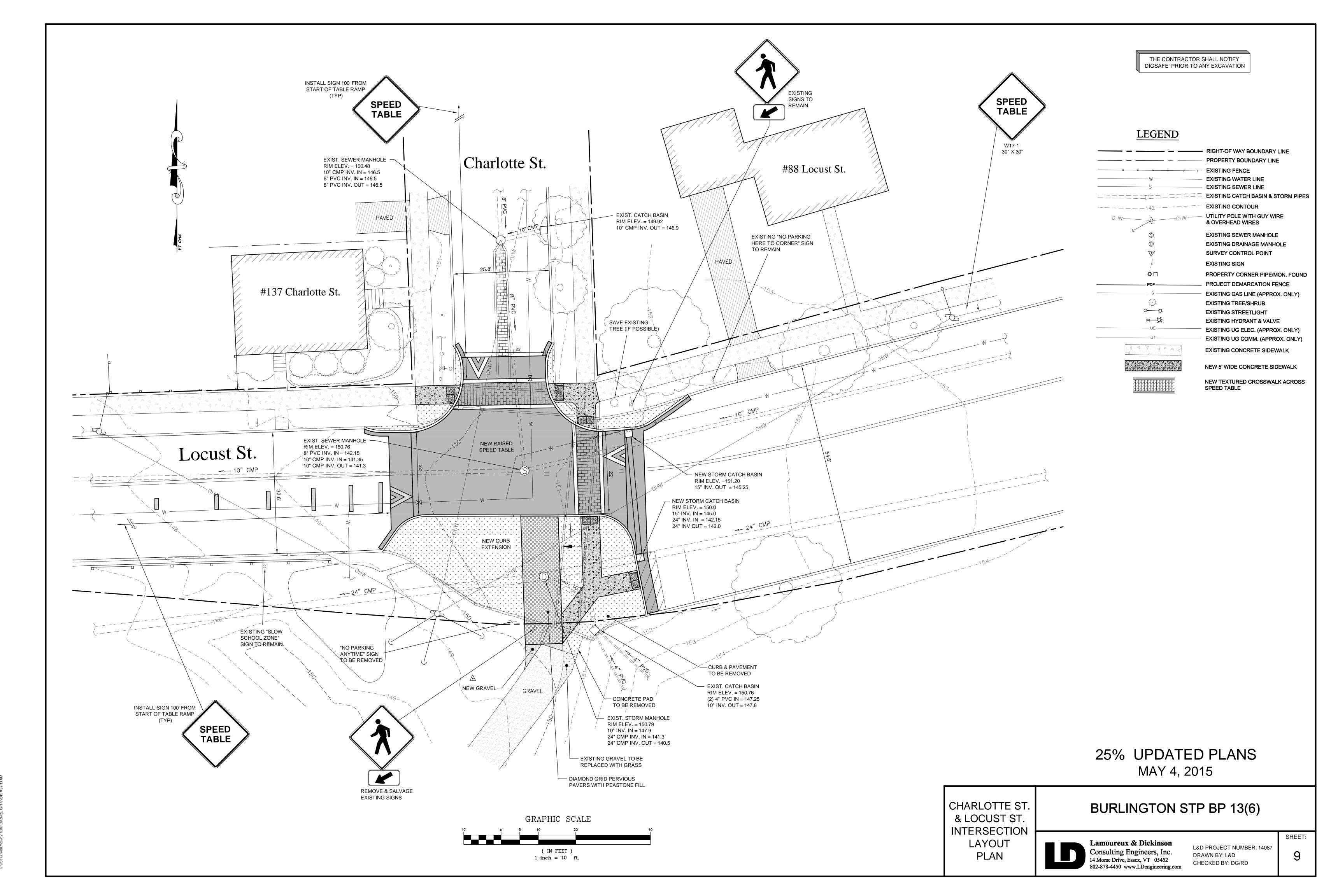
25% UPDATED PLANS MAY 4, 2015

CHERRY LANE &
BIRCHCLIFF
PARKWAY
INTERSECTION
LAYOUT
PLAN

BURLINGTON STP BP 13(6)







25% UPDATED PLANS MAY 4, 2015

BIRCHCLIFF PARKWAY CROSS SECTIONS

BURLINGTON STP BP 13(6)



GRAPHIC SCALE

(IN FEET) 1 inch = 5 ft.

25% UPDATED PLANS MAY 4, 2015

BIRCHCLIFF PARKWAY CROSS SECTIONS

BURLINGTON STP BP 13(6)

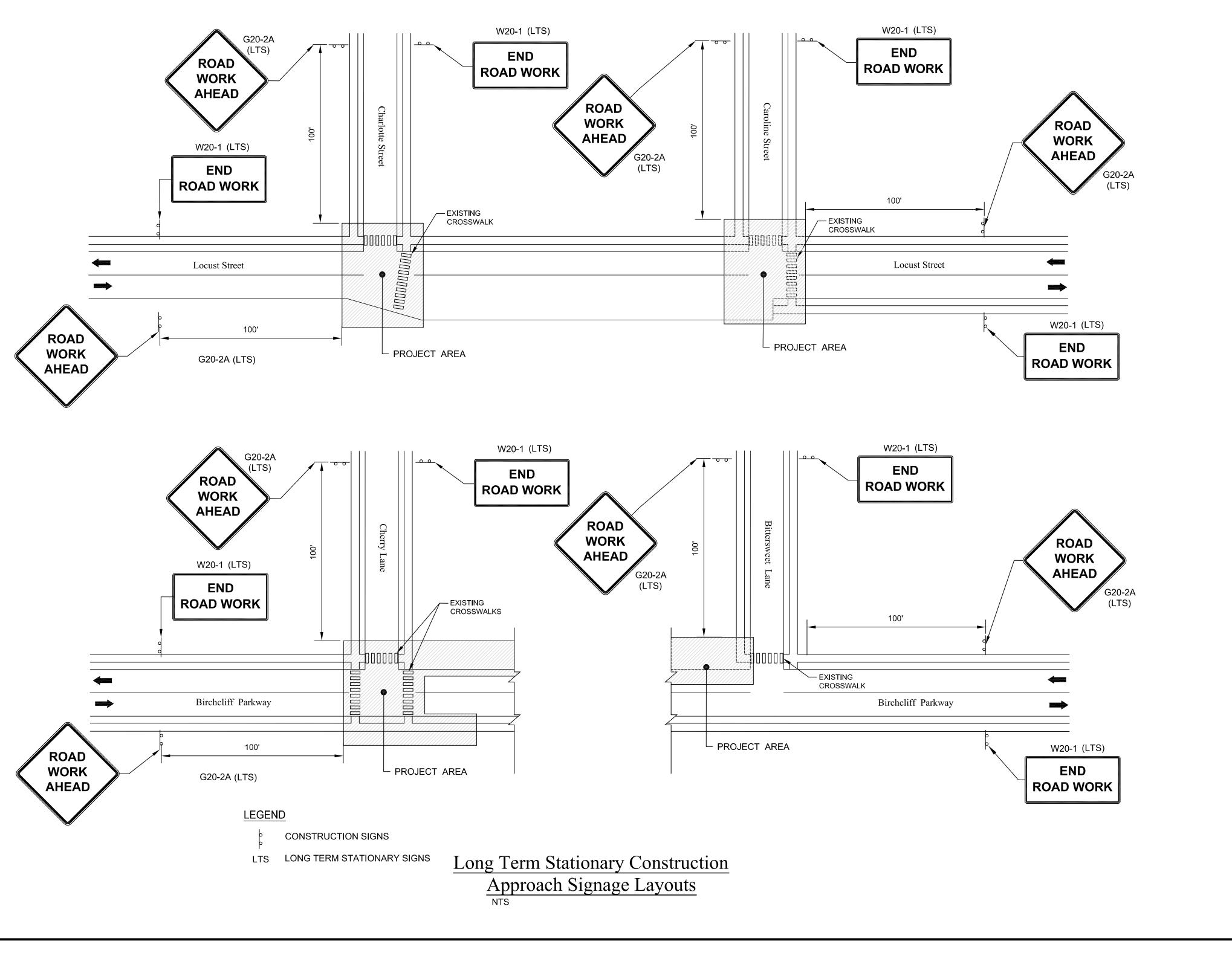


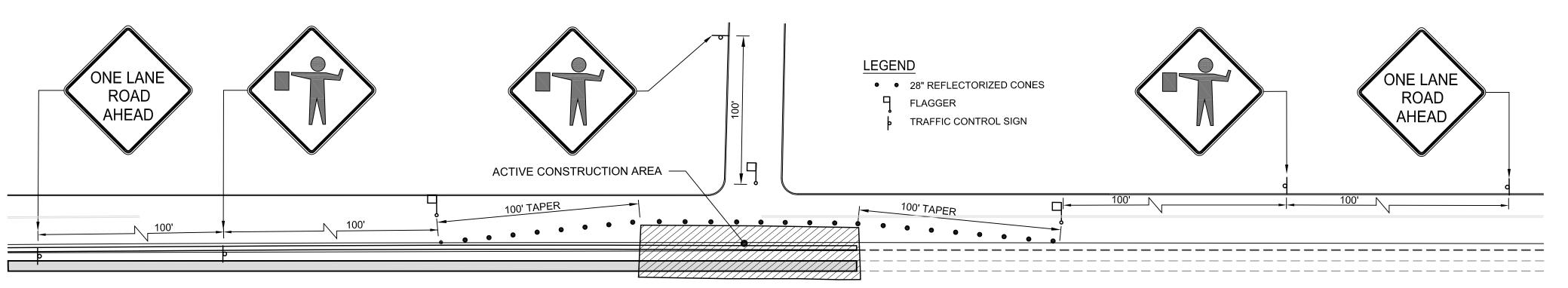
25% UPDATED PLANS MAY 4, 2015

BIRCHCLIFF PARKWAY CROSS SECTIONS

BURLINGTON STP BP 13(6)







Short Term Lane Closure Detail

TEMPORARY TRAFFIC CONTROL NOTES

- 1. THE TRAFFIC SIGNAGE PLAN ABOVE IS FOR APPROACH SIGNAGE ONLY. THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN TO THE RESIDENT ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION AND IN ACCORDANCE WITH THE MUTCD.
- 2. ALL TEMPORARY CONTROL DEVICES SHALL MEET OR EXCEED VTRANS STANDARD DETAILS E-100, E-101, E-102, E-106, E-110. WHERE E STANDARDS CONFLICT WITH THE MUTCD, THE
- 3. FOR ANY WORK WITHIN THE HIGHWAY RIGHT-OF-WAY A MINIMUM OF ALTERNATING ONE-WAY THRU TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. CONTINUOUS TWO-WAY TRAFFIC SHALL BE MAINTAINED AT NIGHT, ON WEEKENDS AND HOLIDAYS, DURING PEAK TRAFFIC (7AM-9AM & 3PM-6PM) AND WHENEVER POSSIBLE DURING CONSTRUCTION.
- 4. SHORT TERM STATIONARY TRAFFIC CONTROL SIGNING AND CHANNELIZING DEVICES SHALL BE IN ACCORDANCE WITH THE APPROPRIATE MUTCD STANDARDS (PART 6). TYPICAL APPLICATIONS 3,10, 22 AND 23 ARE USEFUL EXAMPLES. VARIATIONS IN THE SIGNING PACKAGES MAY BE DICTATED BY UNIQUE GEOMETRY, SPECIFIC CONSTRUCTION ACTIVITIES, AND/OR TRAFFIC CONDITIONS.
- 5. APPROACH CONSTRUCTION SIGNING (LONG TERM STATIONARY) SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PERIOD.
- 6. THE CONTRACTOR SHALL NOT WORK WITHIN THE HIGHWAY ROW WITHOUT THE APPROPRIATE CITY APPROVED CONSTRUCTION SIGNING AND TEMPORARY TRAFFIC CONTROL DEVICES IN PLACE.
- 7. TO FACILITATE THE FLOW OF TRAFFIC, THE CITY SHALL HAVE AUTHORITY TO MODIFY THE CONTRACTOR'S ONGOING OPERATIONS OR PROPOSED METHODS OF CONSTRUCTION AS DEEMED NECESSARY FOR THE SAFETY, CONVENIENCE AND WELFARE OF THE TRAVELING PUBLIC. THE CONTRACTOR SHALL COMPLY WITH THE CITY DIRECTIVES CONCERNING THIS MATTER.
- 8. THE MIXING OF TEMPORARY TRAFFIC CONTROL DEVICES (DRUMS, CONES, ETC.) ALONG A TANGENT HIGHWAY IS NOT ALLOWED. DRUMS SHOULD BE USED TO CHANNELIZE OR DELINEATE ROAD USER'S FLOW WHILE REFLECTORIZED CONES ARE BETTER SUITED TO DELINEATE DRIVES WITHIN THE WORK ZONE.
- 9. CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR ADVANCE NOTICE TO PROPERTY OWNERS PRIOR TO COMMENCING WORK IN DRIVES. WHERE SIDEWALKS CROSS DRIVES, THEY SHALL BE CONSTRUCTED IN TWO PHASES, MAINTAINING ACCESS TO DRIVEWAYS AT ALL TIMES.
- 10. FLAGGERS AND/OR TRAFFIC CONTROL PERSONNEL SHALL DIRECT BICYCLISTS THROUGH THE CONSTRUCTION AREA IN THE SAME MANNER AS VEHICULAR TRAFFIC.

TEMPORARY CONSTRUCTION SIGNS

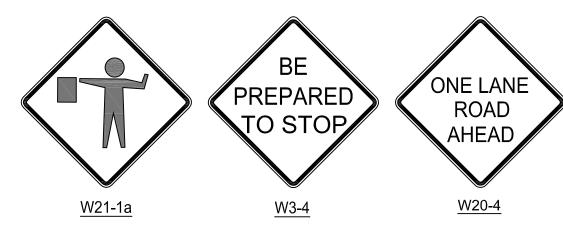
- 1. ALL SIGN STANDS AND POST INSTALLATION SHALL BE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM 350 (NCHRP) COMPLIANT.
- 2. AS A MINIMUM, ROLL-UP SIGN MATERIAL SHALL HAVE ASTM D 4956-01 TYPE VI FLUORESCENT ORANGE RETRO-REFLECTIVE SHEETING.
- 3. ALL POST MOUNTED SIGNS SHALL HAVE ASTM D 4956-01 TYPE VII, TYPE VIII OR TYPE IX FLUORESCENT ORANGE RETRO-REFLECTIVE SHEETING.
- 4. ALL TRAFFIC CONES, BARRICADES AND BARRELS SHALL USE TYPE III RETRO-REFLECTIVE SHEETING.
- 5. ALL STATIONARY SIGNS SHALL BE MOUNTED ON TWO 3 LBS/FT FLANGED CHANNEL OR SQUARE STEEL POSTS. NO SIGN POSTS SHALL EXTEND OVER THE TOP EDGE OF THE SIGN INSTALLED ON SAID POSTS.

FLAGGERS AND UNIFORM TRAFFIC OFFICERS

FLAGGERS SHALL BE REQUIRED TO ATTEND A 4 HOUR APPROVED TRAINING COURSE AND CARRY THEIR FLAGGER CERTIFICATION CARD WITH THEM. THE CONTRACTOR SHALL PROVIDE COPIES OF ALL DOCUMENTATION OF THE CERTIFICATION OBTAINED FOR EACH FLAGGER ON THE PROJECT.

ALL FLAGGERS OR UTO SERVING AS A TRAINED FLAGGER SHALL WEAR SAFETY APPAREL MEETING REQUIREMENTS OF ISEA "AMERICAN NATIONAL STANDARD OF HIGH-VISIBILITY APPAREL" AND LABELED AS MEETING THE ANSI/SEA 107-2004 STANDARD PERFORMANCE FOR CLASS 2 RISK EXPOSURE. INDIVIDUALS ENGAGED IN TRAFFIC CONTROL SHALL WEAR THE HIGH-VISIBILTY VEST WITH "TRAFFIC CONTROL" VISIBLE, WITHOUT EXCEPTION.

MUTCD TYPICAL APPLICATIONS TA-6, TA-10 & TA-13 SHALL BE USED WHEN NECESSITATED BY THE CONTRACTOR'S WORK OPERATIONS



SHORT-TERM STATIONARY DAY SIGNS

25% UPDATED PLANS MAY 4, 2015

Construction
Approach &
Traffic Control
Details and
Specifications

BURLINGTON STP BP 13(6)

